INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2005/002666

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L12/58 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\label{eq:minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.	
X	US 2002/087549 Al (MOSTAFA MIRAJ) 4 July 2002 (2002-07-04) paragraph '0014! - paragraph '0018! paragraph '0026! - paragraph '0028! paragraph '0035! paragraph '0042! - paragraph '0044! paragraph '0060! paragraph '0110!	1-9	
Α	WO 00/64110 A (NOKIA NETWORKS OY; ROOKE, MICHAEL; SEVANTO, JARKKO; MUHONEN, AHTI) 26 October 2000 (2000-10-26) abstract	1-9	
А	US 2003/069935 A1 (HASEGAWA MASAKAZU) 10 April 2003 (2003-04-10) paragraph '0009! - paragraph '0015!	3,8	

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.		
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance.	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 	 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family 		
Date of the actual completion of the international search	Date of mailing of the international search report		
19 April 2005	27/04/2005		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Huber, 0		

1

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2005/002666

C (C!-	ation) DOCUMENTS CONSIDERED TO BE RELEVANT					
	Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
Category 5	Citation of document, with molecularity where appropriate, or the relevant passages					
A	US 2003/193951 A1 (FENTON GREGG ET AL) 16 October 2003 (2003-10-16) abstract	1-9				
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12, 3 January 2001 (2001-01-03) & JP 2000 261493 A (HITACHI LTD), 22 September 2000 (2000-09-22) cited in the application abstract	1-9				
	·					

1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/JP2005/002666

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002087549 A	04-07-2002	FI 20002566 A AU 2634402 A WO 0243414 A2 EP 1410659 A2	23-05-2002 03-06-2002 30-05-2002 21-04-2004
WO 0064110 A	26-10-2000	WO 0064110 A1 AU 4033099 A EP 1169827 A1 JP 2002542548 T US 2002044634 A1	26-10-2000 02-11-2000 09-01-2002 10-12-2002 18-04-2002
US 2003069935 A	10-04-2003	JP 2003114851 A GB 2382190 A	18-04-2003 21-05-2003
US 2003193951 A	16-10-2003	US 2003193967 A1 AU 2002364043 A1 WO 03058991 A2	16-10-2003 24-07-2003 17-07-2003
JP 2000261493 A	22-09-2000	NONE	